

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
(Case No. 16136US02)**

In the Application of:

Severine Catreux et al.

U.S. Serial No.: 10/801,930

Filed: March 16, 2004

For: MULTI-ANTENNA
COMMUNICATION SYSTEMS
UTILIZING RF-BASED AND
BASEDBAND SIGNAL WEIGHTING
AND COMBINING

Examiner: Sophia Vlahos

Group Art Unit: 2611

Conf. No.: 4709

Customer No.: 23446

CERTIFICATE OF TRANSMISSION

I hereby certify that this correspondence is being transmitted via EFS-Web to the United States Patent and Trademark Office on February 23, 2010.

/Michael T. Cruz/

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Reg. No. 44,636

AMENDMENT

Mail Stop **Amendment**
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This paper is a timely response to the Office Action mailed December 28, 2009.

Amendments to the Claims begin on page 2.

Remarks begin on page 8.